

## Graham White Manufacturing Company 2002 E2 Status Update Report

In an effort to retain our Environmental Enterprise status we report on the past year's company-wide achievements. Following that is a section indicating some projects that we are considering for 2003 that will further enhance our environmental performance.

### Received 2002 Governor's Environmental Award

Graham White was awarded the runner-up award in the small company category for the many environmental achievements that have been implemented during the past five years.

### Outsource Machining of Leaded Brass

We began a project earlier in 2002 to remove most or all of the machining of leaded brass from our facility. These parts are machined from barstock as our castings have no lead content. To date we have removed approximately 95% of these parts, by total volume. We have experienced an annualized cost savings of \$89,000 as a result. The environmental impact is in removing the lead from our machining coolant. This coolant is evaporated in our wastewater evaporator. The lead renders the sediment hazardous. We currently ship 8 to 10 drums per quarter of the leaded waste for off-site fuel blending. Testing of the evaporator sediment will soon indicate whether the lead level has dropped below regulatory thresholds for hazardous waste.

### New Regenerative Parts Washers

During 2002 we have replaced several of our solvent parts washers with regenerative units. These units clean the solvent internally at the push of a button. No solvent waste is removed from the units. Consequently, there is no generation of hazardous waste. Prior units had the solvent changed every 3 to 4 weeks generating about 30 gallons of hazardous waste each time. Since these new units were installed under a contract we also anticipate saving around \$20,000 per year in service costs.

### Reduction of Cost of Removal of Oil/Oily Water

We investigated disposing of some of our oily wastewater as used oil and have found a source that can reclaim the oil from the water. This is part of the same contract as the parts washers and the savings are rolled into same.

## Non-Hazardous Lamp Tubes

We have begun to install “green tip” non-hazardous fluorescent light tubes exclusively facility wide. These tubes have a much smaller amount of mercury. They are disposed of as universal waste and are recycled under a contract agreement.

## Sand Containment

In 2002 we took several measures to reduce the amount of sand fines that become airborne as part of our foundry processes. We began using a covered roll-back to store waste sand in and enclosed an off-load conveyor to minimize dusting while unloading used sand.